

SHEET 1 OF 1

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATIONAL DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. DAVI125.001CP1	APPLICATION NO. 10/658,093
	APPLICANT Daly, John	
	FILING DATE September 9, 2003	GROUP Unknown 1636

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

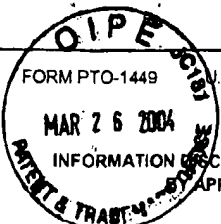
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MM	1.	WO 95/29244	11/2/95	PCT				
MM	2.	WO 99/14346	3/25/99	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
MM	3. Veyrune, et al., "c-fos mRNA instability determinants present within both the coding and the 3' non coding region link the degradation of this mRNA to its translation" Oncogene 11:2127-2134 (1995)
MM	4. Maurer et al., "An AU-rich sequence in the 3'-UTR of plasminogen activator inhibitor type 2 (PAI-2) mRNA promotes PAI-2 mRNA decay and provides a binding site for nuclear HuR" Nucleic Acids Research 27(7):1664-1673 (1999)
MM	5. Dean et al., "The 3' Untranslated Region of Tumor Necrosis Factor Alpha mRNA Is a Target of the mRNA-Stabilizing Factor HuR" Molecular and Cellular Biology 21(3):721-730 (Feb. 2001)
MM	6. Provost and Tremblay, "Length Increase of the Human $\alpha$ -Globin 3'-Untranslated Region Disrupts Stability of the Pre-mRNA but Not That of the Mature mRNA" The Journal of Biological Chemistry 275(39):30248-30255 (9/29/2000)
MM	7. Short et al., "Structural Determinants for Post-transcriptional Stabilization of Lactate Dehydrogenase A mRNA by the Protein Kinase C Signal Pathway" the Journal of Biological Chemistry 275(17):12963-12969 (4/28/2000)
MM	8. Yeilding et al., "c-myc mRNA Is Down-regulated during Myogenic Differentiation by Accelerated Decay That Depends on Translation of Regulatory Coding Elements" The Journal of Biological Chemistry 273(25):15749-15757 (6/19/1998)
MM	9. Yeilding and Lee, "Coding Elements in Exons 2 and 3 Target c-myc mRNA Downregulation during Myogenic Differentiation" Molecular and Cellular Biology 17(5):2698-2707 (May 1997)

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EXAMINER MM	DATE CONSIDERED 12/2/04
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SHEET 1 OF 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. DAVI125.001CP1	APPLICATION NO. 10/658,093
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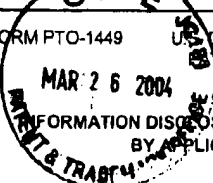
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MM	1.	5,464,758	11/7/95	Gossen et al.			
MM	2.	5,625,048	4/29/97	Tsien et al.			
MM	3.	5,650,135	7/22/97	Contag et al.			
MM	4.	5,777,079	7/7/98	Tsien et al.			
MM	5.	5,804,387	9/9/98	Cornack et al.			
MM	6.	6,130,313	10/10/00	Li et al.			

## FOREIGN PATENT DOCUMENTS

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
MM ✓	7.	Chen and Shyu, "AU-rich elements: characterizations and importance in mRNA degradation" TIBS 20:465-470 (November 1995)	
MM ✓	8.	Dandekar et al., "Systematic genomic screening and analysis of mRNA in untranslated regions and mRNA precursors: combining experimental and computational approaches" Bioinformatics 14(3):271-278 (1998)	
MM ✓	9.	Darzynkiewics et al., "Laser-Scanning Cytometry: A New Instrumentation with Many Applications" Experimental Cell Research 249:1-19(1999)	
MM ✓	10.	Gallie et al., "The histone 3'-terminal stem-loop is necessary for translation in Chinese hamster ovary cells" Nucleic Acids Research 24(10):1954-1962 (1996)	

EXAMINER M. March	DATE CONSIDERED 12/2/04
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mm	11. Gasdaska et al., "Regulation of Human Thioredoxin Reductase Expression and Activity by 3'-Untranslated Region Slenocysteine Insertion Sequence and mRNA Instability Elements" The Journal of Biological Chemistry 274(36):25379-25385 (September 3, 1999)
mm	12. Gramolini et al., "Distinct regions in the 3' untranslated region are responsible for targeting and stabilizing utrophin transcripts in skeletal muscle cells" The Journal of Cell Biology 154(6):1173-1183 (September 17, 2001)
mm	13. Henics et al., "Mammalian Hsp70 and Hsp110 Proteins Bind to RNA Motifs Involved in mRNA Stability" The Journal of Virological Chemistry 274(24):17318-17324 (June 11, 1999)
mm	14. Holcik and Loebhaber, "Four highly stable eukaryotic mRNA's assemble 3' untranslated region RNA-protein complexes sharing cis and trans components" Proc. Natl. Acad. Sci. USA 94:2410-2414 (March 1997)
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mm	16. Lagnado et al., "AUUUA Is Not Sufficient To Promote Poly(A) Shortening and Degradation of an mRNA: the Functional Sequence within AU-Rich Elements May be UUAUUUA(U/A)(U/A)" Molecular and Cellular Biology 14(12):7984-7995 (December 1994)
mm	17. Laterza et al., "Mapping and functional analysis of an instability element in phosphoenolpyruvate carboxykinase mRNA" Am J Physiol Renal Physiol 279:F866-F873 (2000)
mm	18. Leclerc et al., "Development of a Destabilized Firefly Luciferase Enzyme for Measurement of Gene Expression" BioTechniques 29:590-601 (September 2000)
mm	19. Lee et al., "Regulation of Cyclin D1 DNA Topoisomerase I, and Proliferating Cell Nuclear Antigen Promoters During the Cell Cycle" Gene Expression 4:95-109 (1995)
mm	20. Li et al., "Generation of Destabilized Green Fluorescent Protein as a Transcription Reporter" The Journal of Biological Chemistry 273(52):34970-34975 (December 25, 1998)
mm	21. Liu et al., "α1 Adrenergic Agonist Induction of p21 <sup>wasf1/cip1</sup> mRNA Stability in Transfected HepG2 Cells Correlates with the Increased Binding of an AU-rich Element Binding Factor" The Journal of Biological Chemistry 275(16):11846-11851 (April 21, 2000)
mm	22. Newman et al., "DST Sequences, Highly Conserved among Plant SAUR Genes, Target Reporter Transcripts for Rapid Decay in Tobacco" The Plant Cell 5:7-1-714 (June 1993)
mm	23. Peng et al., "Functional Characterization of a Non-AUUUA AU-Rich Element from the c-jun Proto-Oncogene mRNA: Evidence for a Novel Class of AU-Rich Elements" Molecular and Cellular Biology 16(4):1490-1499 (April 1996)
mm	24. Ross, Jeff, "mRNA Stability in Mammalian Cells" Microbiological Reviews 59(3):423-450 (September 1995)
mm	25. Saito et al., "Okadaic Acid-Stimulated Degradation of p35, and Activator of CDK5, by Proteasome in Cultured Neurons" Biochemical and Biophysical Research communications 225:775-778 (1998)
mm	26. Schiavone et al., "A conserved AU-rich element in the 3' untranslated region of bcl-2 mRNA is endowed with a destabilizing function that is involved in bcl-2 down-regulation during apoptosis" The FASEB Journal 14:174-184 (January 2000)
mm	27. Shyu et al., "The c-fos transcript is targeted for rapid decay by two distinct mRNA degradation pathways" Genes & Development 3:60-72 (1989)
mm	28. Surdej and Jacobs-Lorena, "Developmental Regulation of bicoid mRNA Stability Is Mediated by the First 43 Nucleotides of the 3' Untranslated Region" Molecular and Cellular Biology 18(5):2892-2900 (May 1998)
mm	29. Thomson et al., "Iron-regulatory proteins, iron-responsive elements and ferritin mRNA translation" The International Journal of Biochemistry & Cell Biology 31:1139-1152 (1999)

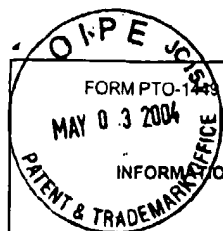
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mm	30. Vazhappilly and Sucher, "Turnover analysis of N-methyl- -aspartate receptor subunit NR1 protein in PC12 cells" Neuroscience Letters 318:153-157 (2002)
mm	31. Xu et al., "Modulation of the Fate of Cytoplasmic mRNA by AU-Rich Elements: Key Sequence Features Controlling mRNA Deadenylation and Decay" Molecular and Cellular Biology, 17(8):4611-4621 (August 1997)
mm	32. Yu and Russell, "Structural and Functional Analysis of an mRNP Complex That Mediates the High Stability of Human $\beta$ -Globin mRNA" Molecular and Cellular Biology 21(17):5879-5888 (September 2001)
mm	33. Zhou et al., "Regulation of the Stability of Heat-Stable Antigen mRNA by Interplay between Two Novel cis Elements in the 3' Untranslated Region" Molecular and Cellular Biology 18(2):815-826 (February 1998)
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FORM PTO-143

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
DAVI125.001CP1APPLICATION NO.  
10/658,093INFORMATION DISCLOSURE STATEMENT  
BY APPLICANTAPPLICANT  
John DalyFILING DATE  
September 9, 2003GROUP  
1645-1636

(USE SEVERAL SHEETS IF NECESSARY)

## U.S. PATENT DOCUMENTS

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WMM	1.	Giles et al. JBC 278 (5):2937-2946 (2003)

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